

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200311332-2

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Randy Hoffman, et al.

Confirmation No.: 7102

Application No.: 10/763353

Examiner: Not Assigned

Filing Date: Jan 23, 2004

Group Art Unit: 2811

Title: Semiconductor Device

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ (X) under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ ( ) under 37 CFR 1.97 (c) together with either a:
  - ☐ ( ) Statement under 37 CFR 1.97(e), or
  - ☐ ( ) a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ ( ) under 37 CFR 1.97 (d) together with a:
  - ☐ ( ) Statement under 37 CFR 1.97(e)(1) or (2), and
  - ☐ ( ) a \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ (X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ ( ) A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

☒ (X) I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450. Date of Deposit: July 12, 2004

OR

☐ ( ) I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number \_\_\_\_\_ on \_\_\_\_\_  
Number of pages: \_\_\_\_\_

Typed Name: Bridgett Barrett

Signature: [Signature]

Respectfully submitted,

Randy Hoffman, et al.

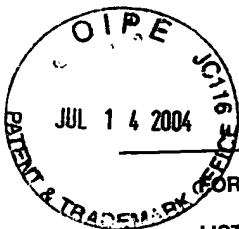
By [Signature]

Gregg W. Wisdom

Attorney/Agent for Applicant(s)  
Reg. No. 40,231

Date: July 12, 2004

Telephone No.: 360 212 8052



## PATENT APPLICATION

Sheet 1 of 2

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

200311332-2

APPLICATION NO.

10/763,353

CONFIRMATION NO.

7102

APPLICANT

Randy Hoffman et al.

FILING DATE

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GROUP

2811

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	4559238	Dec 17, 1985	Bujatti et al.	
	1B	4589026	May 13, 1986	Ozawa et al.	
	1C	4887255	Dec 12, 1989	Handa et al.	
	1D	5107314	Apr 21, 1992	Kahng et al.	
	1E	5744864	Apr 28, 1998	Cillessen et al.	
	1F	6255130	Jul 3, 2001	Kim	
	1G	6255655	Jul 3, 2001	McCroskey et al.	
	1H	6362499	Mar 26, 2002	Moise et al.	
	1I	6391462	May 21, 2002	Jang	
	1J	2002/0153587	Oct 24, 2002	Adkisson et al.	
	1K	2002/0171085	Nov 21, 2002	Suzawa et al.	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L	EP0040076	Mar 20, 1986	Sasano		X
	1M					
	1N					
	1O					
	1P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	
	1R	
	1S	

EXAMINER

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	2A	2003/0013261	Jan 16, 2003	Asano	
	2B	6561174	May 13, 2003	Afshari	
	2C	2003/0104659	Jun 5, 2003	Arakawa et al.	
	2D	2003/0139026	Jul 24, 2003	Lucovsky	
	2E	2003/0180996	Sep 25, 2003	Yamazaki et al.	
	2F	2003/0186489	Oct 2, 2003	Ishikawa	
	2G	2003/0207502	Nov 6, 2003	Yamazaki et al.	
	2H	2003/0218221	Nov 27, 2003	Wager III et al.	
	2I	2003/0218222	Nov 27, 2003	Wager III et al.	
	2J	2003/0219530	Nov 27, 2003	Yamazaki et al.	
	2K	2003/0224550	Dec 4, 2003	Kokubo et al.	

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	2L					
	2M					
	2N					
	2O					
	2P					

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	2Q	
	2R	
	2S	

EXAMINER

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